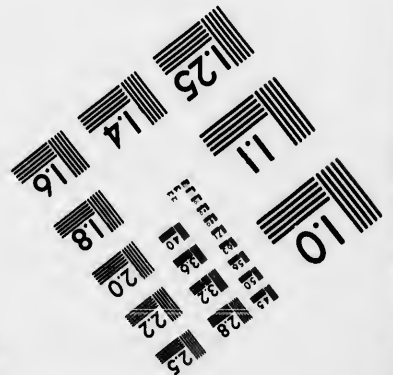
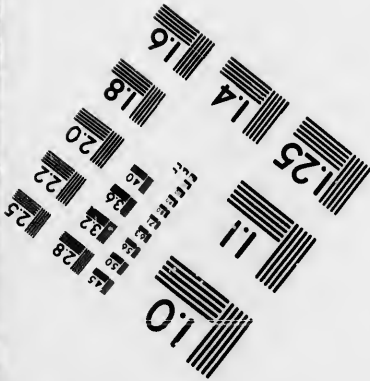
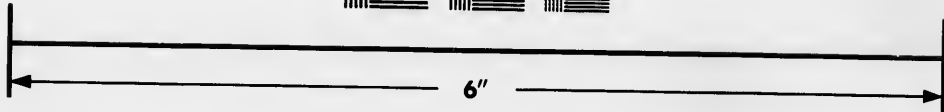
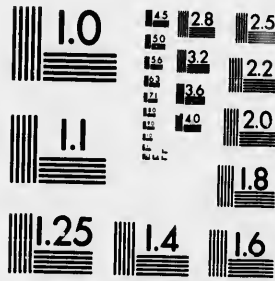


**IMAGE EVALUATION
TEST TARGET (MT-3)**



**Photographic
Sciences
Corporation**

23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

**CIHM
Microfiche
Series
(Monographs)**

**ICMH
Collection de
microfiches
(monographies)**



Canadian Institute for Historical Microreproductions / Institut canadien de microreproductions historiques

© 1993

Technical and Bibliographic Notes / Notes techniques et bibliographiques

The Institute has attempted to obtain the best original copy available for filming. Features of this copy which may be bibliographically unique, which may alter any of the images in the reproduction, or which may significantly change the usual method of filming, are checked below.

L'Institut a microfilmé le meilleur exemplaire qu'il lui a été possible de se procurer. Les détails de cet exemplaire qui sont peut-être uniques du point de vue bibliographique, qui peuvent modifier une image reproduite, ou qui peuvent exiger une modification dans la méthode normale de filmage sont indiqués ci-dessous.

- | | |
|--|--|
| <input checked="" type="checkbox"/> Coloured covers/
Couverture de couleur | <input type="checkbox"/> Coloured pages/
Pages de couleur |
| <input type="checkbox"/> Covers damaged/
Couverture endommagée | <input type="checkbox"/> Pages damaged/
Pages endommagées |
| <input type="checkbox"/> Covers restored and/or laminated/
Couverture restaurée et/ou pelliculée | <input type="checkbox"/> Pages restored and/or laminated/
Pages restaurées et/ou pelliculées |
| <input type="checkbox"/> Cover title missing/
Le titre de couverture manque | <input checked="" type="checkbox"/> Pages discoloured, stained or foxed/
Pages décolorées, tachetées ou piquées |
| <input type="checkbox"/> Coloured maps/
Cartes géographiques en couleur | <input type="checkbox"/> Pages detached/
Pages détachées |
| <input checked="" type="checkbox"/> Coloured ink (i.e. other than blue or black)/
Encre de couleur (i.e. autre que bleue ou noire) | <input checked="" type="checkbox"/> Showthrough/
Transparence |
| <input checked="" type="checkbox"/> Coloured plates and/or illustrations/
Planches et/ou illustrations en couleur | <input type="checkbox"/> Quality of print varies/
Qualité inégale de l'impression |
| <input type="checkbox"/> Bound with other material/
Relié avec d'autres documents | <input type="checkbox"/> Continuous pagination/
Pagination continue |
| <input type="checkbox"/> Tight binding may cause shadows or distortion
along interior margin/
La reliure serrée peut causer de l'ombre ou de la
distorsion le long de la marge intérieure | <input type="checkbox"/> Includes index(es)/
Comprend un (des) index |
| <input type="checkbox"/> Blank leaves added during restoration may appear
within the text. Whenever possible, these have
been omitted from filming/
Il se peut que certaines pages blanches ajoutées
lors d'une restauration apparaissent dans le texte,
mais, lorsque cela était possible, ces pages n'ont
pas été filmées. | Title on header taken from:/
Le titre de l'en-tête provient: |
| <input type="checkbox"/> Additional comments:/
Commentaires supplémentaires: | <input type="checkbox"/> Title page of issue/
Page de titre de la livraison |
| | <input type="checkbox"/> Caption of issue/
Titre de départ de la livraison |
| | <input type="checkbox"/> Masthead/
Générique (périodiques) de la livraison |

This item is filmed at the reduction ratio checked below/
Ce document est filmé au taux de réduction indiqué ci-dessous.

10X	14X	18X	22X	26X	30X
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12X	16X	20X	24X	28X	32X



Microfilm here has been reproduced thanks to the generosity of:

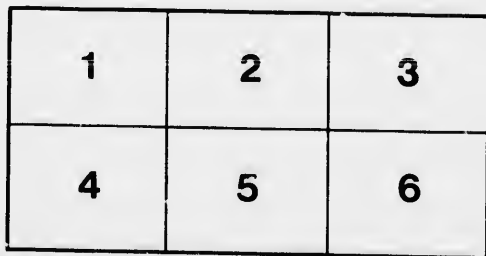
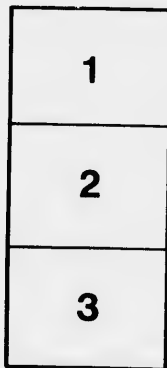
National Library of Canada

Microfilm appearing here are the best quality available, considering the condition and legibility of the original copy and in keeping with the contract specifications.

Microfilm copies in printed paper covers are filmed with the front cover and ending on the back cover with a printed or illustrated impression when appropriate. All original copies are filmed beginning on the first page with a printed or illustrated impression and ending on the last page with a printed or illustrated impression.

Each recorded frame on each microfiche is preceded by the symbol → (meaning "CONTINUE") or the symbol ▼ (meaning "END"), as appropriate, applies.

Microfilm charts, etc., may be filmed at various reduction ratios. Those too large to be included in one exposure are filmed in several exposures in the upper left hand corner, left to right, top to bottom, as many frames as necessary. The following diagrams illustrate the method.



L'exemplaire filmé fut reproduit grâce à la générosité de:

Bibliothèque nationale du Canada

Les images suivantes ont été reproduites avec le plus grand soin, compte tenu de la condition et de la netteté de l'exemplaire filmé, et en conformité avec les conditions du contrat de filmage.

Les exemplaires originaux dont la couverture en papier est imprimée sont filmés en commençant par le premier plat et en terminant soit par la dernière page qui comporte une empreinte d'impression ou d'illustration, soit par le second plat, selon le cas. Tous les autres exemplaires originaux sont filmés en commençant par la première page qui comporte une empreinte d'impression ou d'illustration et en terminant par la dernière page qui comporte une telle empreinte.

Un des symboles suivants apparaîtra sur la dernière image de chaque microfiche, selon le cas: le symbole → signifie "A SUIVRE", le symbole ▼ signifie "FIN".

Les cartes, planches, tableaux, etc., peuvent être filmés à des taux de réduction différents. Lorsque le document est trop grand pour être reproduit en un seul cliché, il est filmé à partir de l'angle supérieur gauche, de gauche à droite, et de haut en bas, en prenant le nombre d'images nécessaire. Les diagrammes suivants illustrent la méthode.

THE
Toronto Radiator Mfg. Co.
(limited)
TORONTO.

T- 7495
TC
A3

TH 7495

T6

A3

Pocket List of . . .

“ Safford Radiators ”



COPYRIGHTED.

*Entered according to Act of Parliament, at the office of the Honourable
the Minister of Agriculture at Ottawa, in the year of our Lord one thousand
eight hundred and ninety-six.*

*By THE TORONTO RADIATOR MANUFACTURING CO., LTD.
Toronto, Ontario.*



National Library
of Canada

Bibliothèque nationale
du Canada

1901

Nos.

- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 49
- 50
- 51
- 52
- 53
- A
- B
- C
- D
- E

SAFFORD RADIATORS.

Price List—4 x 42½ Inches High.

Each loop 8½ in. wide—each foot of contour 9½ in. high.

Nos.	Description of Radiator.	Square feet of Heating Surface.	Equivalent Feet of One-inch Pipe.	Extreme Length.	Price Complete.	Telegraph Code.
10	4 x 2	19.4	58	9 inch	§8 41	Aberdeen
11	4 x 3	29.0	87	13 "	12 61	Acton
12	4 x 4	38.8	116	17 "	16 82	Addison
13	4 x 5	48.4	145	21 "	21 02	Adelaide
14	4 x 6	58.0	174	25 "	25 23	Algoma
15	4 x 7	67.8	203	29 "	29 43	Almonte
16	4 x 8	77.4	232	33 "	33 64	Alton
17	4 x 9	87.0	261	37 "	37 84	Ancaster
18	4 x 10	96.8	290	41 "	42 05	Arthur
19	4 x 11	106.4	319	45 "	46 25	Arnprior
20	4 x 12	116.0	348	49 "	50 46	Athens
21	4 x 13	125.8	377	53 "	54 66	Aurora
22	4 x 14	135.4	406	57 "	58 87	Aylmer
23	4 x 15	145.0	435	61 "	63 07	Ayr
A	4 x 16	154.8	464	65 "	67 28	Avon
B	4 x 17	164.4	493	69 "	71 48	Athol
C	4 x 18	174.0	522	73 "	75 69	Ash
D	4 x 19	183.8	551	77 "	79 89	Arva
E	4 x 20	193.4	580	81 "	84 10	Apto

urable
usana
LTD.

4 x 42½
4 x 38½
2 x 38½
4 x 32½
2 x 32½
4 x 26½
2 x 26½
4 x 20½
2 x 20½
Oven
Rada
—
In-
direct
Tap-
pings
—
Per-
fect.
Dimen-
sions
of
Loops
Tele-
graph
Code
Boilers
Iron
Pipe
Fit-
tings

SAFFORD RADIATORS.

Price List—4 x 38½ Inches High.

Four (top) 8½ in. wide—each section contains 8 square feet.

P

the
eight

Nos.	Description of Radiator.	Square feet of Heating Surface.	Equivalent Feet of One-inch Pipe.	Extreme Length.	Price Complete.	Telegraph Code.
54	1 x 2	16.	48	9 inch	\$ 6 96	Barrie
55	1 x 3	24.	72	13 "	10 44	Bethany
56	1 x 4	32.	96	17 "	13 92	Binkham
57	1 x 5	40.	120	21 "	17 40	Bismark
58	1 x 6	48.	144	25 "	20 88	Blackstock
59	1 x 7	56.	168	29 "	24 36	Blackburn
60	1 x 8	64.	192	33 "	27 84	Blenheim
61	1 x 9	72.	216	37 "	31 32	Blyth
62	1 x 10	80.	240	41 "	34 80	Bangor
63	1 x 11	88.	264	45 "	38 28	Bolton
64	1 x 12	96.	288	49 "	41 76	Bothwell
65	4 x 13	104.	312	53 "	45 24	Bowmanville
66	4 x 14	112.	336	57 "	48 72	Bradford
67	1 x 15	120.	360	61 "	52 20	Brantford
F	4 x 16	128.	384	65 "	55 68	Bridge
G	1 x 17	136.	408	69 "	59 16	Brock
H	4 x 18	144.	432	73 "	62 64	Burk
I	4 x 19	152.	456	77 "	66 12	Burns
J	4 x 20	160.	480	81 "	69 60	Byron

Two

Nos.

D

110

:

111

:

112

:

113

:

114

:

115

:

116

:

117

:

118

:

119

:

120

:

121

:

122

:

123

:

K

:

L

:

M

:

N

:

O

S.

SAFFORD RADIATORS.

Price List — 2 x 38½ Inches High.

Two loops: 6½ In. wide—each section contains 4 square feet.

Nos.	Description of Radiator.	Square feet of Heating Surface.	Equivalent Feet of One-inch Pipe.	Extreme Length.	Price Complete.	Telegraph Code.
110	2 x 2	8	24	8 inch	\$ 3 48	Fairbank
111	2 x 3	12	36	11½ "	5 22	Fairmount
112	2 x 4	16	48	15 "	6 96	Fairview
113	2 x 5	20	60	18½ "	8 70	Fargo
114	2 x 6	24	72	22 "	10 41	Fenwick
115	2 x 7	28	84	25½ "	12 18	Fergus
116	2 x 8	32	96	29 "	13 92	Fermoy
117	2 x 9	36	108	32½ "	15 66	Fingal
118	2 x 10	40	120	36 "	17 40	Flamboro
119	2 x 11	44	132	39½ "	19 14	Florence
120	2 x 12	48	144	43 "	20 88	Fonthill
121	2 x 13	52	156	46½ "	22 62	Forest
122	2 x 14	56	168	50 "	24 36	Fornosa
123	2 x 15	60	180	53½ "	26 10	Frankford
	K	2 x 16	64	57 "	27 84	Franklin
	L	2 x 17	68	60½ "	29 58	Frome
	M	2 x 18	72	64 "	31 32	Fulton
	N	2 x 19	76	67½ "	33 06	Fulo
	O	2 x 20	80	71 "	34 80	Pyfield

are feet.

Telegraph Code.

Barrie
Bethany
Binkham
Bismark
Blackstock
Blackburn
Blenheim
Blyth
Bangor
Bolton
Bothwell
Bowmanville
Bradford
Brantford
Bridge
Brock
Burk
Burns
Byron

4 x 38½
—
2 x 38½

4 x 32½
—
2 x 32½

4 x 26½
—
2 x 26½

4 x 20½
—
2 x 20½

4 x 16
—
2 x 16

Oven Rads
—
In-direct

Tap-pings
—
Per-fect

Dimen-sions
of
Loops

Tele-graph
Code

Boilers

Iron
Pipe
Fit-tings

SAFFORD RADIATORS.

Price List - 4 x 32½ Inches High.

Four Models 8½ in. x 4 in. each section contains 6¾ square feet.

P

*the
eight*

No.	Description of Radiator.	Square feet of Heating Surface.	Equivalent Feet of One-inch Pipe	Extreme Length.	Price Complete	Telegraph Code.
68	4 x 2	13.4	40	9 inch	\$ 6 40	Cameron
69	4 x 3	20.0	60	13 "	9 60	Camilla
70	4 x 4	26.8	80	17 "	12 80	Canaan
71	4 x 5	33.4	100	21 "	16 00	Canfield
72	4 x 6	40.0	120	25 "	19 20	Cardinal
73	4 x 7	46.8	140	29 "	22 40	Carleton
74	4 x 8	53.4	160	33 "	25 60	Casselman
75	4 x 9	60.0	180	37 "	28 80	Cataract
76	4 x 10	66.8	200	41 "	32 00	Cayuga
77	4 x 11	73.4	220	45 "	35 20	Chatham
78	4 x 12	80.0	240	49 "	38 40	Claremont
79	4 x 13	86.8	260	53 "	41 60	Clayton
80	4 x 14	93.4	280	57 "	44 80	Clinton
81	4 x 15	100.0	300	61 "	48 00	Colborne
P	4 x 16	106.8	320	65 "	51 20	Cole
Q	4 x 17	113.4	340	69 "	54 40	Coleman
R	4 x 18	120.0	360	73 "	57 60	Conu
S	4 x 19	126.8	380	77 "	60 80	Conroy
T	4 x 20	133.4	400	81 "	64 00	Croton

Two 1

No. D

124

125

126

127

128

129

130

131

132

133

134

135

136

137

U

V

W

X

Y

RS.

SAFFORD RADIATORS.

PRICE LIST— 2 x 32 $\frac{1}{2}$ Inches High.

Square feet.

Telegraph
Code.

Cameron
Camilla
Canaan
Canfield
Cardinal
Carleton
Casselman
Cataract
Cayuga
Chatham
Claremont
Clayton
Clinton
Colborne
Colb
Coleman
Conn
Conroy
Croton

Two loops— 6 $\frac{1}{2}$ in. w. h. — each section contains $\frac{1}{2}$ sq. ft.

Nos	Description of Radiator	Square feet of Heating Surface	Equivalent Feet of One-inch Pipe	Extreme Length	Price Complete	Telegraph Code
121	2 x 2	6.8	20	8 in.	\$ 3.20	Galetta
125	2 x 3	10.0	30	11 $\frac{1}{2}$ "	4.80	Galt
126	2 x 4	13.4	40	15 "	6.40	Gananoque
127	2 x 5	16.8	50	18 $\frac{1}{2}$ "	8.00	Garnet
128	2 x 6	20.0	60	22 "	9.60	Georgetown
129	2 x 7	23.4	70	25 $\frac{1}{2}$ "	11.20	Gibson
130	2 x 8	26.8	80	29 "	12.80	Gilford
131	2 x 9	30.0	90	32 $\frac{1}{2}$ "	14.40	Glarford
132	2 x 10	33.4	100	36 "	16.00	Godston
133	2 x 11	36.8	110	39 $\frac{1}{2}$ "	17.60	Grancee
134	2 x 12	40.0	120	43 "	19.20	Glendab
135	2 x 13	43.4	130	46 $\frac{1}{2}$ "	20.80	Glenroy
136	2 x 14	46.8	140	50 "	22.40	Gederich
137	2 x 15	50.0	150	53 $\frac{1}{2}$ "	24.00	Goodwood
	U	2 x 16	53.4	57 "	25.60	Gowan
	V	2 x 17	56.8	60 $\frac{1}{2}$ "	27.20	Grard
	W	2 x 18	60.0	64 "	28.80	Gravel
	X	2 x 19	63.4	67 $\frac{1}{2}$ "	30.40	Grimstly
	Y	2 x 20	66.8	71 "	32.00	Grove

4 x 32 $\frac{1}{2}$
2 x 32 $\frac{1}{2}$ 4 x 20 $\frac{1}{2}$
2 x 20 $\frac{1}{2}$ 4 x 20 $\frac{1}{2}$
2 x 20 $\frac{1}{2}$ 4 x 16
2 x 16Oven
Rads
In-
directTap-
ping
Per-
fectDimen-
sions
of
LoopsTele-
graph
Code

Boilers

Iron
Pipe
Fit-
tings

SAFFORD RADIATORS.

PRICE LIST 4 x 26 $\frac{1}{2}$ Inches High.

Four to six 8 $\frac{1}{2}$ in. wide - each foot of height is 3 $\frac{1}{4}$ square feet.

Nos.	Description of Radiator.	Square feet of Heating Surface.	Equivalent Feet of One-inch Pipe.	Extreme Length.	Price Complete.	Telegraph Code.
82	4 x 2	10.8	32	9 inch	\$ 5 60	Delhi
83	4 x 3	16 0	48	13 "	8 40	Dalta
84	4 x 4	21 4	64	17 "	11 20	Deseronto
85	4 x 5	26 8	80	21 "	14 00	Dixie
86	4 x 6	32 0	96	25 "	16 80	Doon
87	4 x 7	37 4	112	29 "	19 60	Drayton
88	4 x 8	42 8	128	33 "	22 40	Drumbo
89	4 x 9	48 0	144	37 "	25 20	Dundas
90	4 x 10	53 4	160	41 "	28 00	Durham
91	4 x 11	58 8	176	45 "	30 80	Dutton
92	4 x 12	64 0	192	49 "	33 60	Dwight
93	4 x 13	69 4	208	53 "	36 40	Dunsford
94	4 x 14	74 8	224	57 "	39 20	Dunnville
95	4 x 15	80 0	240	61 "	42 00	Dunlop
AA	4 x 16	85 4	256	65 "	44 80	Durham
BB	4 x 17	90 8	272	69 "	47 60	Dutton
CC	4 x 18	96 0	288	73 "	50 40	Dwight
DD	4 x 19	101 4	304	77 "	53 20	Dwyer
EE	4 x 20	106 8	320	81 "	56 00	Dwon

Four to six

Nos.	Description of Radiator.
138	2 x
139	2 x
140	2 x
141	2 x
142	2 x
143	2 x
144	2 x
145	2 x
146	2 x
147	2 x
148	2 x
149	2 x
150	2 x
151	2 x
FF	2 x
GG	2 x
HH	2 x
II	2 x
JJ	2 x

S.

SAFFORD RADIATORS.

Price List—2 x 20 $\frac{1}{2}$ Inches High.

120 lbs. 6 $\frac{1}{2}$ g. w. 40—each set of 1 costs 2 $\frac{1}{2}$ lbs. 100 lbs.

Telegraph Code.	Nos	Description of Radiator.	Square feet of Heating Surface.	Equivalent Feet of One-inch Pipe.	Extreme Length.	Price Complete.	Telegraph Code.
Delhi	138	2 x 2	5.4	16	8 inch	\$ 2 80	Hamilton
Delta	139	2 x 3	8.0	24	11 $\frac{1}{2}$ "	4 20	Havelock
Deseronto	140	2 x 4	10.8	32	15 "	5 60	Huntsville
Dixie	141	2 x 5	13.4	40	18 $\frac{1}{2}$ "	7 00	Halton
Doon	142	2 x 6	16.0	48	22 "	8 40	Hamburg
Drayton	143	2 x 7	18.8	56	25 $\frac{1}{2}$ "	9 80	Hammond
Drumbo	144	2 x 8	21.4	64	29 "	11 20	Hanover
Dundas	145	2 x 9	24.0	72	32 $\frac{1}{2}$ "	12 60	Harold
Durham	146	2 x 10	26.8	80	36 "	14 00	Harriston
Dutton	147	2 x 11	29.4	88	39 $\frac{1}{2}$ "	15 40	Hartford
Dwight	148	2 x 12	32.0	96	43 "	16 80	Hastings
Dunsford	149	2 x 13	34.8	104	46 $\frac{1}{2}$ "	18 20	Haydon
Dunnville	150	2 x 14	37.4	112	50 "	19 60	Hensall
Dunlop	151	2 x 15	40.0	120	53 $\frac{1}{2}$ "	21 00	Holly
Durham	FF	2 x 16	42.8	128	57 "	22 40	Hobart
Dutton	GG	2 x 17	45.4	136	60 $\frac{1}{2}$ "	23 80	Holland
Dwight	HH	2 x 18	48.0	144	64 "	25 20	Hulbert
Dwyer	II	2 x 19	50.8	152	67 $\frac{1}{2}$ "	26 60	Humber
Dwon	JJ	2 x 20	53.4	160	71 "	28 00	Huston

4 x 20 $\frac{1}{2}$
2 x 20 $\frac{1}{2}$

4 x 20 $\frac{1}{2}$
2 x 20 $\frac{1}{2}$

4 x 16
2 x 16

Oven Rads
—
In-direct

Tap-
plings
—
Per-
fect

Dimen-
sions
of
Loops

Tele-
graph
Code

Boilers

Iron
Pipe
Fit-
tings

SAFFORD RADIATORS.

Price List 4 x 20 $\frac{1}{2}$ Inches High.

Four loops 8 $\frac{1}{2}$ in. wide—each section contains 4 square feet.

Nos.	Description of Radiator.	Square feet of Heating Surface.	Equivalent Feet of One-inch Pipe.	Extreme Length.	Price Complete.	Telegraph Code.
96	4 x 2	8	24	9 inch	\$ 4 56	Eagle
97	4 x 3	12	36	13 "	6 84	Eastville
98	4 x 4	16	48	17 "	9 12	Eden
99	4 x 5	20	60	21 "	11 40	Edgar
100	4 x 6	24	72	25 "	13 68	Elgin
101	4 x 7	28	84	29 "	15 96	Elliott
102	4 x 8	32	96	33 "	18 24	Elma
103	4 x 9	36	108	37 "	20 54	Elmira
104	4 x 10	40	120	41 "	22 82	Elora
105	4 x 11	44	132	45 "	25 16	Embro
106	4 x 12	48	144	49 "	27 38	Emerald
107	4 x 13	52	156	53 "	29 66	Enterprise
108	4 x 14	56	168	57 "	31 94	Erie
109	4 x 15	60	180	61 "	34 24	Esther
KK	4 x 16	64	192	65 "	36 50	Essex
LL	4 x 17	68	204	69 "	38 78	Escot
MM	4 x 18	72	216	73 "	41 06	Ethel
NN	4 x 19	76	228	77 "	43 34	Etrick
OO	4 x 20	80	240	81 "	45 60	Evelyn

S.

SAFFORD RADIATORS.

Price List—2 x 20 $\frac{1}{2}$ Inches High.

square feet.

T. Radiators of $\frac{1}{2}$ in. diameter—each section contains 2 square feet.

Telegraph Code.	Nos.	Description of Radiator.	Square feet of Heating Surface.	Equivalent Feet of One-inch Pipe.	Extreme Length.	Price Complete.	Telegraph Code.
Eagle	152	2 x 2	4	12	8 inch	\$ 2 28	Kenne
Eastville	153	2 x 3	6	18	11 $\frac{1}{2}$ "	3 42	Kemble
Eden	154	2 x 4	8	24	15 "	4 56	Kingston
Edgar	155	2 x 5	10	30	18 $\frac{1}{2}$ "	5 70	Kent
Elgin	156	2 x 6	12	36	22 "	6 84	Kilburn
Elliott	157	2 x 7	14	42	25 $\frac{1}{2}$ "	7 98	Kincardine
Elma	158	2 x 8	16	48	29 "	9 12	King
Elmira	159	2 x 9	18	54	32 $\frac{1}{2}$ "	10 26	Kinghorn
Elora	160	2 x 10	20	60	36 "	11 40	Kinmount
Embro	161	2 x 11	22	66	39 $\frac{1}{2}$ "	12 54	Korah
Emerald	162	2 x 12	24	72	43 "	13 68	Komoka
Enterprise	163	2 x 13	26	78	46 $\frac{1}{2}$ "	14 82	Kirkton
Erie	164	2 x 14	28	84	50 "	15 96	Kirkwall
Esther	165	2 x 15	30	90	53 $\frac{1}{2}$ "	17 10	Kinkora
Essex	PP	2 x 16	32	96	57 "	18 24	Kinloss
Escof	QQ	2 x 17	34	102	60 $\frac{1}{2}$ "	19 38	Kintail
Ethel	RR	2 x 18	36	108	64 "	20 52	Kippen
Etrick	SS	2 x 19	38	114	67 $\frac{1}{2}$ "	21 66	Kirby
Evelyn	TT	2 x 20	40	120	71 "	22 80	Kurtz

4 x 20 $\frac{1}{2}$
2 x 20 $\frac{1}{2}$ 4 x 16
2 x 16Oven
Rads
—
In-
directTap-
pings
—
Per-
cent.Dimen-
sions
of
LoopsTele-
graph
Code

Boilers

Iron
Pipe
Fit-
tings

SAFFORD RADIATORS.

Price List - 4 x 16 Inches High.

Four loops $8\frac{1}{2}$ in. wide—each section contains $2\frac{1}{2}$ square feet.

Nos.	Description of Radiator.	Square feet of Heating Surface.	Equivalent feet of One-inch Pipe.	Extreme Length.	Price Complete.	Telegraph Code
190	4 x 2	5	15	9 inch	\$ 3 75	Sairn
191	4 x 3	$7\frac{1}{2}$	$22\frac{1}{2}$	13 "	5 63	Napance
192	4 x 4	10	30	17 "	7 52	Napier
193	4 x 5	$12\frac{1}{2}$	$37\frac{1}{2}$	21 "	9 39	Nash
194	4 x 6	15	45	25 "	11 27	Navan
195	4 x 7	$17\frac{1}{2}$	$52\frac{1}{2}$	29 "	13 15	Nelles
196	4 x 8	20	60	33 "	15 03	Nelson
197	4 x 9	$22\frac{1}{2}$	$67\frac{1}{2}$	37 "	16 92	Nenagh
198	4 x 10	25	75	41 "	18 79	Neville
199	4 x 11	$27\frac{1}{2}$	$82\frac{1}{2}$	45 "	20 68	Newark
200	4 x 12	30	90	49 "	22 55	Newboro'
201	4 x 13	$32\frac{1}{2}$	$97\frac{1}{2}$	53 "	24 43	Newton
202	4 x 14	35	105	57 "	26 31	Newland
203	4 x 15	$37\frac{1}{2}$	$112\frac{1}{2}$	61 "	28 19	Newport
204	4 x 16	40	120	65 "	30 08	Newry
205	4 x 17	$42\frac{1}{2}$	$127\frac{1}{2}$	69 "	31 96	Niagara
206	4 x 18	45	135	73 "	33 85	Nile
207	4 x 19	$47\frac{1}{2}$	$142\frac{1}{2}$	77 "	35 64	Nixon
208	4 x 20	50	150	81 "	37 52	Norland
209	4 x 21	$52\frac{1}{2}$	$157\frac{1}{2}$	85 "	39 40	North
210	4 x 22	55	165	89 "	41 28	Norval
211	4 x 23	$57\frac{1}{2}$	$172\frac{1}{2}$	93 "	43 16	Norway
212	4 x 24	60	180	97 "	45 04	Norwood
213	4 x 25	$62\frac{1}{2}$	$187\frac{1}{2}$	101 "	46 92	Novar

Two lo	
Nos.	Des
166	2
167	2
168	2
169	2
170	2
171	2
172	2
173	2
174	2
175	2
176	2
177	2
178	2
179	2
180	2
181	2
182	2
183	2
184	2
185	2
186	2
187	2
188	2
189	2

S.

SAFFORD RADIATORS.

Price List—2 x 16 Inches High.

Two loops $6\frac{1}{2}$ in. wide—each section contains $1\frac{1}{2}$ square feet.

are feet.

Telegraph Code

Nairn
Napance
Napier
Nash
Navan
Nelles
Nel-on
Nenagh
Neville
Newark
Newboro'
Newton
Newland
Newport
Newry
Niagara
Nile
Nixon
Norland
North
Norval
Norway
Norwood
Norvar

Nos.	Description of Radiator.	Square feet of Heating Surface.	Equivalent Feet of One-inch Pipe.	Extreme Length.	Price Complete.	Telegraph Code.
166	2 x 2	3	9	8 inch	\$ 2 25	Moncton
167	2 x 3	4½	13½	11½ "	3 38	Madoc
168	2 x 4	6	18	15 "	4 50	Malakoff
169	2 x 5	7½	22½	18½ "	5 00	Malta
170	2 x 6	9	27	22 "	6 75	Malvern
171	2 x 7	10½	31½	25½ "	7 88	Manion
172	2 x 8	12	36	29 "	9 00	Maple
173	2 x 9	13½	40½	32½ "	10 12	Mar
174	2 x 10	15	45	36 "	11 25	Marburg
175	2 x 11	16½	49½	39½ "	12 38	Markham
176	2 x 12	18	54	43 "	13 50	Marston
177	2 x 13	19½	58½	46½ "	14 63	Mattawa
178	2 x 14	21	63	50 "	15 76	Maxwell
179	2 x 15	22½	67½	53½ "	16 89	Mayfield
180	2 x 16	24	72	57 "	18 00	Medina
181	2 x 17	25½	76½	60½ "	19 13	Merlin
182	2 x 18	27	81	64 "	20 25	Metz
183	2 x 19	28½	85½	67½ "	21 38	Merton
184	2 x 20	30	90	71 "	22 50	Moira
185	2 x 21	31½	94½	74½ "	23 62	Moltke
186	2 x 22	33	99	78 "	24 74	Monton
187	2 x 23	34½	103½	81½ "	25 86	Mull
188	2 x 24	36	108	85 "	26 98	Munro
189	2 x 25	37½	112½	88½ "	28 10	Munster

4 x 16
2 x 16

Oven
Rads
—
In-
direct

Tap-
pings
—
Per-
fect

Dimen-
sions
of
Loops

Tele-
graph
Code

Boilers

Iron
Pipe
Fit-
tings

SAFFORD RADIATORS.

DINING-ROOM RADIATORS

38 Inches High, Four Loops Wide.

SIZE AND PRICE LIST.						
Size.	No. of loops in Radiator (exclusive of oven.)	Square feet of heating surface.	Extreme length, inches.	Price, without top.	Price, with plain top.	Price, with plated top.
AA	2	21	28	\$48.31	\$50.25	\$52.35
A	4	37	36	53.83	55.50	58.20
B	6	53	44	60.61	63.00	66.30
C	8	69	52	68.14	70.50	74.40
D	10	85	60	74.25	78.00	82.50
E	12	101	68	80.95	85.50	90.00
F	14	117	76	87.73	93.00	98.70.

Ovens are 21 Inches Long by 12 Inches Wide.

BOXED FOR SHIPPING WITHOUT EXTRA CHARGE.

Each
Ext
Wid
Wid
Each
All so

" CL

Len

Each

All C
Hexagon
Section
Alwa
hubs, to a

RS.

SAFFORD RADIATORS.

RS

Wide.

in	Price, with plated top
25	\$52.35
50	58.20
75	66.30
100	74.40
125	82.50
150	90.00
175	98.70

es Wide.

CHARGE.

INDIRECT RADIATORS

"Gold Pin"

DIMENSIONS

Each section contains 10 sq. feet surface.
 Extreme length, 36 inches.

Width $7\frac{1}{2}$ inches.

Width at connecting point, 11 inches.

Each section occupies $2\frac{3}{4}$ inches space.

All sections loose shipped with necessary Bolts and Bushings.

PRICES ON APPLICATION.

"Climax" Indirect Steam Radiators

Length, 36 inches. Height, 11 inches.

Width, $3\frac{1}{2}$ inches.

Each section contains 13 square feet of Radiating surface.

PRICES ON APPLICATION.

All Climax Radiators are connected with Right and Left Hexagon Nipples.

Sections are always shipped loose.

Always break the small cast-iron strip connecting between the hubs, to allow for expansion of the section.

Oven Rads
—
In-direct

Tap-pings
—
Per-foot

Dimensions of Loops

Tele-graph Code

Boilers

Iron Pipe Fittings

SAFFORD RADIATORS.

Perfect, Ornamental and Plain,
Provincial and Royal Loops.

List of Sizes on opposite page 15. Prices same as on pages 1 to 11.



TAPPINGS.



ONE PIPE STEAM.

25 square feet and under	-	-	1 in.
Above 25, but not exceeding 60 sq. ft.	1 1/4		"
Above 60, but not exceeding 100	-	-	1 1/2 "
Above 100 square feet	-	-	2 "

TWO PIPE STEAM.

48 square feet and under	-	-	1 x 3/4 in.
Above 48, but not exceeding 95 sq. ft.	1 1/4 x 1		"
Above 95 square feet	-	-	1 1/2 x 1 1/4 "

Returns 1/2 inch lower than flow pipe.

WATER.

Single or Twin Connection.

48 square feet and under	-	-	1 x 1 in.
Above 50 square feet	-	-	1 1/4 x 1 1/4 "

All one pipe and twin connections are tapped left hand, others right.

Every style of radiator is tapped as above, unless otherwise ordered.

PERF
Each L

No. of loops long.	Ext len inc
2	
3	
4	10
5	13
6	14
7	17
8	20
9	23
10	25
11	27
12	30
13	33
14	35
15	37
16	40
17	43
18	45
19	47
20	50
21	52
22	55
23	57
24	60
25	62
26	65
27	67
28	70
29	72
30	75
31	77
32	80
33	82
34	85
35	87
36	90
37	92
38	95
39	97
40	100
41	102
42	105

S. SAFFORD RADIATORS.
 PERFECT, PLAIN, PROVINCIAL AND ROYAL.
 Each Loop is 7½ Inches Wide and 2½ Inches Thick
 Across Hubbs.
 LIST OF SIZES.

No. of loops long.	Extreme length, inches.	Heating surface--square feet.					Telegraph Code
		45 inches high.	38 inches high.	32 inches high.	26 inches high.	20 inches high.	
2	5	10	8	6½	5½	4	London
3	7½	15	12	10	8	6	Lake
4	10	20	16	13½	10½	8	Lakefield
5	12½	25	20	16½	13½	10	Laggan
6	15	30	24	20	16	12	Lakeside
7	17½	35	28	23½	18½	14	Lakepoint
8	20	40	32	26½	21½	16	Lakeview
9	22½	45	36	30	24	18	Lambeth
10	25	50	40	33½	26½	20	Lambton
11	27½	55	44	36½	29½	22	Lanark
12	30	60	48	40	32	24	Lancaster
13	32½	65	52	43½	34½	26	Langton
14	35	70	56	46½	37½	28	Lingsing
15	37½	75	60	50	40	30	Larkin
16	40	80	64	53½	42½	32	Latimer
17	42½	85	68	56½	45½	34	Laurel
18	45	90	72	60	48	36	Layton
19	47½	95	76	63½	50½	38	Lindsay
20	50	100	80	66½	53½	40	Linton
21	52½	105	84	70	56	42	Lisbon
22	55	110	88	73½	58½	44	Listowel
23	57½	115	92	76½	61½	46	Lobo
24	60	120	96	80	64	48	Locton
25	62½	125	100	83½	66½	50	Lombardy
26	65	130	104	86½	69½	52	Longford
27	67½	135	108	90	72	54	Longwood
28	70	140	112	93½	74½	56	Loretto
29	72½	145	116	96½	77½	58	Lothian
30	75	150	120	100	80	60	Louise
31	77½	155	124	103½	82½	62	Lovat
32	80	160	128	106½	85½	64	Lucat
33	82½	165	132	110	88	66	Lucknow
34	85	170	136	113½	90½	68	Lundy
35	87½	175	140	116½	93½	70	Luton
36	90	180	144	120	96	72	Lurzan
37	92½	185	148	123½	98½	74	Lyn
38	95	190	152	126½	101½	76	Lynch
39	97½	195	156	130	104	78	Lynden
40	100	200	160	133½	106½	80	Lyndhurst
41	102½	205	164	136½	109½	82	Lynn
42	105	210	168	140	112	84	Lyons

SEE PAGE 14 FOR TAPPINGS.

Tappings
—
Per-
fect.

Dimen-
sions
of
Loops

Tele-
graph
Code

Boilers

Iron
Pipe
Fit-
tings

S.

ain,

S.

pages 1 to 11.

1 in.
14 ..
1½ ..
2 ..

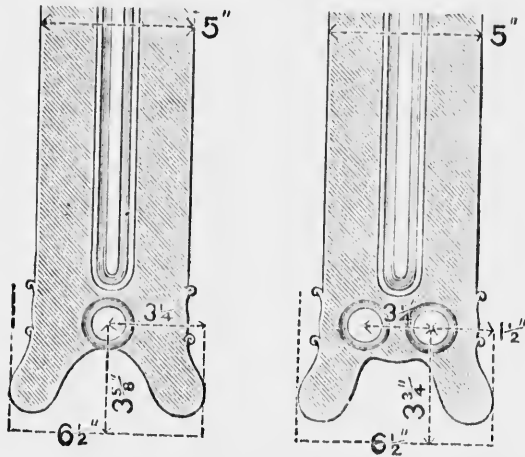
1 x ¾ in.
14x1 ..
1½x14 ..

1 x 1 in.
14x14 ..

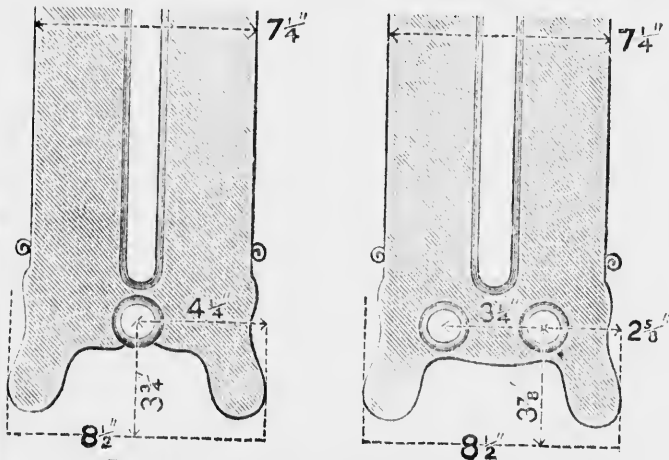
and, others

otherwise

DIMENSIONS OF LOOPS.



2 Loop, Favorite and Daisy Patterns.



Perfect, Plain, Provincial and Royal.

Regular standard patterns always shipped if not otherwise ordered.



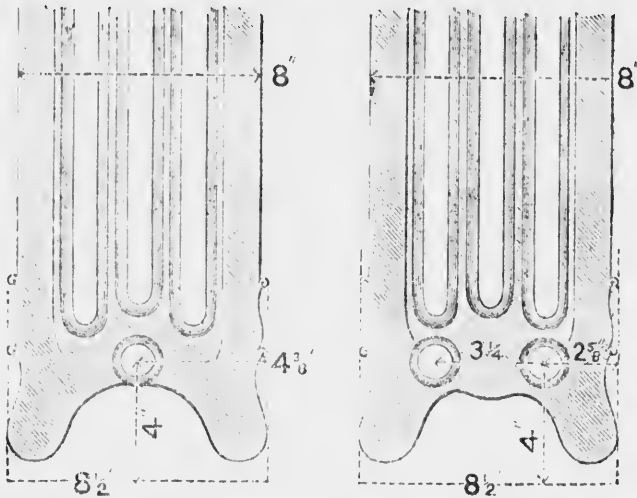
4



6 1/2

FAVORITE
High Leg

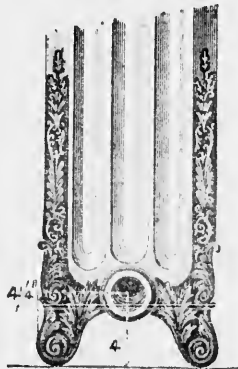
DIMENSIONS OF LOOPS.



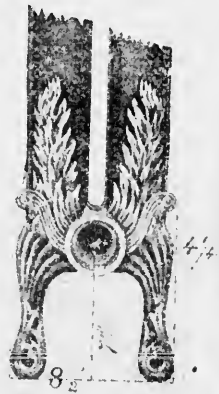
4 Loop, Favorite and Daisy Patterns.
REGULAR STANDARD PATTERNS.



FAVORITE 2 LOOP.



FAVORITE 4 LOOP.



PERFECT, PLAIN,
ROYAL, PROVINCIAL.

High Leg Radiators to order only, no extra charge

Dimensions
of
Loops

Telegraph
Code

Boilers

Iron
Pipe
Fittings

TELEGRAPH AND CABLE CODE.

Cable and Telegraph Address:
"RADIATOR, TORONTO," ONT.

Miscellaneous.

Ship by freight.....	Hurry
express.....	Haste
Add to our order of—inst.....	Hungry
When will order be shipped?.....	Help
Change order of—inst. to read.....	Haphazard
Quote lowest prices on.....	Hack
Steam Radiators.....	Hot
Hot Water Radiators.....	Humid
Quote freight rates on car load of Radiators.....	Heavy
" " less than car lot of Radiators.....	Hail
Ship via Canadian Pacific Railway.....	Hamlet
" Grand Trunk Railway.....	Handy
" lake and rail.....	Hated
" steamer.....	Holiday
How soon could you ship?.....	Humming
Ship all you can now, balance soon as possible.....	Hindered
— order booked, specification will be sent early.....	Hit
Has order been shipped? Wire reply.....	Hamper
Book order for — feet.....	Habitual

Tapping.

$\frac{1}{2}$ x $\frac{1}{2}$	Snail
$\frac{3}{4}$ x $\frac{3}{4}$	Small
1 x 1.....	Size
1 x 1.....	Simple
$1\frac{1}{4}$ x 1.....	Stood
$1\frac{1}{4}$ x 1.....	South
$1\frac{1}{4}$ x $1\frac{1}{4}$	Song
$1\frac{1}{2}$ x $1\frac{1}{4}$	Sold
$1\frac{1}{2}$ x $1\frac{1}{2}$	Sure
2 x 2.....	Safety

Top feed
 Top feed
 Single co
 Twin cor
 One pipe
 With hig

250 feet
 500 "
 750 "
 1000 "
 1500 "
 2000 "
 2500 "
 3000 "
 3500 "

16 inch
 20 $\frac{1}{2}$
 26 $\frac{1}{2}$
 32 $\frac{1}{2}$
 38 $\frac{1}{2}$
 42 $\frac{1}{2}$
 2 loop st
 4
 16 inch h
 20 $\frac{1}{2}$
 26 $\frac{1}{2}$
 32 $\frac{1}{2}$
 38 $\frac{1}{2}$
 42 $\frac{1}{2}$
 2 loop
 4 "

Style of connection.

Top feed pipe and bottom return on same end.....	Shabby
Top feed pipe and bottom return on opposite ends.....	Sever
Single connections at opposite ends.....	Suitable
Twin connections.....	Saving
One pipe for steam.....	Seldom
With high legs.....	Simon

Quantity.

250 feet.....	Angle
500 ".....	Angular
750 ".....	Ankle
1000 ".....	Anatomy
1500 ".....	Anapest
2000 ".....	Annex
2500 ".....	Answer
3000 ".....	Antagonist
3500 ".....	Antedate

Heights and widths.

16 inch steam.....	Mama
20½ ".....	Muster
26½ ".....	Mix
32½ ".....	Medium
38½ ".....	Monarch
42½ ".....	Moment
2 loop steam.....	Meter
4 ".....	Motor
16 inch hot water.....	Mate
20½ ".....	Malleable
26½ ".....	Machinery
32½ ".....	Mitre
38½ ".....	Mistitle
42½ ".....	Mistook
2 loop ".....	Mystic
4 ".....	Mistake

DE.

S:
ONT.

..... Hurry
 Haste
 Hungry
 Help
 Haphazard
 Hack
 Hot
 Humid
 Heavy
 Hail
 Hamlet
 Handy
 Hated
 Holiday
 Humming
 Hindered
 Hit
 Hamper
 Habitual

 Snail
 Small
 Size
 Simple
 Stood
 South
 Song
 Sold
 Sure
 Safety

Tele-
graph
Code

Boilers

Iron
Pipe
Fit-
ings

THE SPENCE "DAISY" HOT WATER BOILER

Price List—Dimensions and Capacities

Number.	Capacity of 1-in. Pipe in Lined Feet, exclusive of Mains.	Capacity in Lined Feet of 1-in. Pipe for Green-house Heating	List Price.	Height of Boiler, in.	Diameter of Boiler, in.	Diameter of Fire Pot, in.	Depth of Fire Pot, in.	No. of Mains, Tapped for Flow and Returns.	
	feet	feet						No.	Size in.
1	700	235	\$67 00	14	19	16	14	4	1½
2	1,000	335	80 00	52	22	19	15	4	2
3	1,500	500	108 00	54	24	21	15	4	2
4	2,000	670	136 00	55	27	24	15	4	2
5	2,500	835	164 00	57	29	26	15	6	2
6	3,000	1,000	188 00	58	31	28	15	7	2
6½	3,500	1,160	210 00	65	31	28	15	7	2
7	4,500	1,500	290 00	70	36	32	17	10	2
8	6,000	2,000	316 00	70	42	36	17	12	2
9	7,500	2,500	370 00	76	42	36	17	12	2
10	12,000	4,000	600 00	87	48½	44	18	as ordered	

HEADERS for Twin Boilers (Extra.))
 VALVES " " " " " " " ") Price according to sizes required.
 High Base Boilers (Extra.))

No.
22
33
44
55
66
77

Each

Has

THE B

No.	Capacity in 1-in. Pipe.
1	70
2	1,00
3	1,50
4	2,00
5	2,50
6	3,00
7	3,50
8	4,00
9	4,50
10	5,00

WATER THE DIAMOND HOT WATER BOILER

Price List—Dimensions and Capacities

No.	Diameter of Heater,	Capacity in 1-inch Pipe, exclusive of Mains	Height of Heater,	Price.
	inches.	feet	inches.	
22	23	1,000	51	\$80 00
33	25	1,500	51	108 00
44	28	2,000	55	136 00
55	30	2,500	57	164 00
66	32	3,000	58	188 00
77	37	4,500	70	290 00

Each Section and Fire Pot Corrugated in Form.
 NO BRICK WORK REQUIRED.
 Has Rocking and Dumping Locomotive Grate.

THE ECLIPSE HOT WATER BOILER

No.	Capacity in 1-in. Pipe, Ft.	Capacity in 4-in. Pipe, Ft.	Height in Inches.	Width in Inches.	Length in Inches.	Flows and Returns.		List Price
							No.		Size in
1	700	235	48	20	20	2	2	\$52 00
2	1,000	335	48	20	24	3	2	66 00
3	1,500	500	52	22	22	4	2	75 00
4	2,000	665	52	22	26½	5	2	84 00
5	2,500	835	62	26½	26½	5	2	95 00
6	3,000	1,000	62	26½	31	6	2	110 00
7	3,500	1,165	62	26½	36	7	2	120 00
8	4,000	1,335	62	26½	40½	8	2	130 00
9	4,500	1,500	62	26½	45	9	2	150 00
10	5,000	1,665	62	26½	49½	10	2	170 00

Twin Headers and Valves Extra.

Boilers

Iron
Pipe
Fit-
tings

PRICE LIST

Standard Steam, Gas and Water Pipe.

Butt and Lap-Welded.

Nominal Inside Diameter, Inches.	Price per foot. Plain.	Price per foot. Galvanized.	Nominal Weight per Foot.
$\frac{1}{4}$	\$ 06	\$ 06	.24
$\frac{1}{2}$	06	06	.42
$\frac{3}{8}$	07	07	.56
$\frac{1}{2}$	08 $\frac{1}{2}$	08 $\frac{1}{2}$	.84
$\frac{3}{4}$	12	12	1.12
1	17	17	1.67
1 $\frac{1}{4}$	24	24	2.24
1 $\frac{1}{2}$	30	30	2.68
2	43	43	3.61
2 $\frac{1}{2}$	52	62	5.74
3	68	80	7.54
3 $\frac{1}{2}$	81	98	9.00
4	95	1 16	10.66
4 $\frac{1}{2}$	1 25	1 50	12.34
5	1 42	1 75	14.50
6	1 85	2 20	18.76
7	2 45	....	23.27
8	2 95	....	28.18
9	3 75	....	33.70
10	4 75	....	40.00
11	6 00	....	45.00
12	7 00	....	49.00
13	8 50	....	54.00
14	10 00	....	58.00
15	12 00	....	62.00

Elbows ...
 " Re ...
 " R ...
 " 45 ...
 Tees ...
 " Redu ...
 Crosses ...
 " Re ...
 Return Be ...
 " ...
 Flange Un ...
 Caps ...
 Plugs, Plai ...
 Bushings, L ...
 Couplings ...
 Hexagon R ...
 Unions, Lip ...
 " "

er Pipe.

Nominal Weight
per Foot.

CAST IRON FITTINGS.

Revised June 1st, 1896.

Size	1/4	3/8	1/2	3/4	1	1 1/2	2	2 1/2	3	4	5	6	7	8
Elbows	c	c	c	c	c	c	c	c	c	c	c	c	c	c
" Reducing	05	05	06	08	10 1/2	16	20	28	50	75	1 20	2 00	2 75	4 70
" R. & L.			07	09	12	18	23	32	60	85	1 40	2 30	3 15	5 40
" 45°			7	10	12	19	24	34	69	90	1 45	2 50	3 05	5 90
Tees	08	08	09	12	15	23	29	41	73	1 10	1 75	3 00	4 00	6 80
" Reducing			10	14	17	27	33	47	83	1 25	2 00	3 50	4 60	7 80
Crosses			22		27	42	53	75	1 30	2 00				
" Reducing			25		30	46	60	83	1 45	2 20				
Return Bends, Close					22	28	40	57						
" " Open					30	40	55	80	1 35	2 20				
Flange Unions			46		52	64	78	1 00	1 25	1 50	2 10	3 15	3 95	5 50
Caps								26	40	54	87	1 20	1 55	2 50
Plugs, Plain	02	02	02	03	04	05	07	10	18	25	42	88	1 20	1 85
Bushings, Plain		01	04	05	06	07	09	14	21	31	50	93	1 25	1 87
Couplings, W. L., each	05	06	07	10	13	17	21	28	40	60	1 00	1 65	2 40	3 25
Hexagon R. & L. Nipples, each			25		30	40	50	70						
Unions, Lip, Malleable, each	18	20	22	27	33	46	58	75	1 55	2 10	4 35			
" " Galvanized	27	30	33	40	50	70	90	1 15	2 35					

.24
.42
.56
.84
1.12
1.67
2.24

2.68
3.61
5.74
7.54
9.00
10.66
12.34
14.50
18.76
23.27
28.18
33.70
40.00
45.00
49.00
54.00
58.00
62.00

